

TO THE U.S. PATENT AND TRADEMARK OFFICE

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INVENTOR(S):	Demetrios Papahadjopoulos, et al.
RE:	METHODS OF FORMING PROTEIN-LINKED LIPIDIC MICROPARTICLES, AND COMPOSITIONS THEREOF
TITLE OF DOCUMENT(S):	Information Disclosure Statement w/ cert. of mailing; Form PTO-1449; Copies of references
Application No.	09/076,618
File No.	02307E-071420US
Date Due	--
Date Mailed	January 20, 2000
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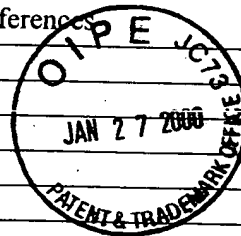
SF 1060511 v1

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT  
Attorney Docket No.: 2307E-071420US  
Client Reference No.: 98-197-1

Assistant Commissioner for Patents  
Washington, D.C. 20231

On January 20, 2000

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Demetrios Papahadjopoulos *et al.*

Application No.: 09/076,618

Filed: 5/12/98

For: METHODS OF FORMING  
PROTEIN-LINKED LIPIDIC  
MICROPARTICLES, AND  
COMPOSITIONS THEREOF

Examiner: Ketter, J.

Art Unit: 1636

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. The references cited fall into three groups. The first group of references, references AA and AE to AX, were cited to or by the Patent and Trademark Office in connection with the parent case. In accordance with 37 CFR §1.98(d), copies of these references can be found in Application No. 08/967,791, filed November 11, 1997 (Attorney Docket No. 02307E-074140US) and are not provided herewith.

The second group of references, references AB and AC, were cited in international search reports relating to the parent case and to the present case. Copies of the

search reports and of the references are attached. The third, and final, group, consists of a single reference, reference AD. This reference was not cited in the parent application or in an international search report and is provided herewith.

It is respectfully requested that all of the cited references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

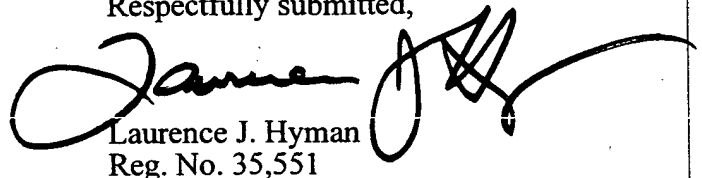
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

This IDS is being filed after the mailing date of the first Office Action and more than three months after the filing date, but prior to the Notice of Allowance or Final Office Action.

Please deduct \$240.00, or such other fee as may be due under 37 CFR §1.17(p), from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees due from, or credit any overpayment to, the above-noted Deposit Account.

This paper is submitted in triplicate for accounting purposes.

Respectfully submitted,

  
Laurence J. Hyman  
Reg. No. 35,551

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LJH:clc

FORM PTO-1449 (Modified)			Attorney Docket No.: 2307E-071420US		Application No.: 09/076,618	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)			Applicant: Demetrios Papahadjopoulos, Keelung Hong, Weiwen Zheng, and Dmitri B. Kirpotin			
			Filing Date: 5/12/98		Group:	
Reference Designation			U.S. PATENT DOCUMENTS			Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
AA	5,783,210	07/21/98	Tremblay et al.	424	450	
AB	5,459,127	10/17/95	Felgner et al.	514	7	
AC	5,681,940	10/28/97	Wang et al.	536	22.1	
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
AD	Zalipsky et al., "Poly(ethylene glycol)-Grafted Liposomes with Oligopeptide or Oligosaccharide Ligands Appended to the Termini of the Polymer Chains," <i>Bioconjugate Chem.</i> , 8:111-118 (1997)					
AE	Blaese, et al., "Vectors in Cancer Therapy: How Will They Deliver?" <i>Cancer Gene Therapy</i> , 2(4):291-197 (1995)					
AF	Crystal et al., "Transfer of Genes of Humans: Early Lessons and Obstacles to Success," <i>Science</i> 270:404-410 (1995)					
AG	Gao et al., "Cationic Liposome-Mediated Gene Transfer," <i>Gene Therapy</i> , 2:710-722 (1995)					
AH	Behr, "Gene Transfer With Synthetic Cationic Amphiphiles: Prospects for Gene Therapy," <i>Bioconjugate Chem.</i> , 5:382-389 (1994)					
AI	Remy et al., "Gene Transfer With a Series of Lipophilic DNA-Binding Molecules," <i>Bioconjugate Chem.</i> , 5:647-654 (1994)					
AJ	Plum et al., "Condensation of DNA by Trivalent Cations. 2 Effects of Cation Structure," <i>Biopolymers</i> , 30:631-643 (1990)					
AK	Allen et al., "Liposomes Containing Synthetic Lipid Derivatives of Poly(Ethylene Glycol) Show Prolonged Circulation Half-Lives In Vivo," <i>Biochimica et Biophysica Acta</i> , 1066:29-36 (1991)					
AL	Papahadjopoulos et al., "Sterically Stabilized Liposomes: Improvements in Pharmacokinetics and Antitumor Therapeutic Efficacy," <i>Proc. Nat'l Acad. Sci USA</i> , 88:11460-11464 (1991)					
AM	Ahmad et al., "Antibody-Mediated Specific Binding and Cytotoxicity of Liposome-Entrapped Doxorubicin to Lung Cancer Cells in Vitro," <i>Cancer Research</i> , 52:4817-4820 (1992)					
AN	Martin et al., "Irreversible Coupling of Immunoglobulin Fragments to Performed Vesicles," <i>J. of Biological Chemistry</i> , 257(1):286-288 (1982)					
AO	Szoka Jr. et al., "Procedure for Preparation of Liposomes with Large Internal Aqueous Space and High Capture by Reverse-Phase Evaporation," <i>Proc. Nat'l. Acad. Sci. USA</i> , 75(9):4194-4196 (1978)					
AP	Felgner et al., "Lipofection: A High Efficient, Lipid-Mediated Dan-Transfection Procedure," <i>Proc. Nat'l. Acad. Sci. USA</i> , 84:7413-7417 (1987)					
AQ	Felgner et al., "Enhanced Gene Delivery and Mechanism Studies With a Novel Series of Cationic Lipid Formulations," <i>J. Biological Chemistry</i> , 269(4):2550-2561 (1994)					
AR	Liu et al., "Cationic Liposome-Mediated Intravenous Gene Delivery," <i>J. Biological Chemistry</i> , 270(42):24864-24870 (1995)					
AS	Mayhew et al., "Role of Cholesterol in Enhancing the Antitumor Activity of Cytosine Arabinoside Entrapped in Liposomes," <i>Cancer Treatment Reports</i> , 63(11-12):1923-1928 (1979)					
AT	Zhu et al., "Systemic Gene Expression After Intravenous DNA Delivery into Adult Mice," <i>Science</i> , 26:209-211 (1993)					

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		Filing Date: 5/12/98	Group:
_____ AU	Solodin <i>et al.</i> , "A Novel Series of Amphiphilic Imidazolinium Compounds for In Vitro and In Vivo Gene Delivery," <i>Biochemistry</i> , 34:13537-12544 (1995)		
_____ AV	Thierry <i>et al.</i> , "Systematic Gene Therapy: Biodistribution and Long-Term Expression of a Transgene in Mice," <i>Proc. Nat'l. Acad. Sci. USA</i> , 92:9741-9746 (1995)		
_____ AW	Carter <i>et al.</i> , "High Level Escherichia Coli Expression and Production of a Bivalent Humanized Antibody Fragment," <i>Biotechnology</i> , 10:163-167 (1992)		
_____ AX	Hofland <i>et al.</i> , "Formation of Stable Cationic Lipid/DNA Complexes For Gene Transfer," <i>Proc. Nat'l. Acad. Sci. USA</i> , 93:7305-7309 (1996)		
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_____			
EXAMINER		DATE CONSIDERED	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.